

June 2026

Kia ora tātou

World Metrology Day is one of my favourite days of the year. Taking the opportunity to reflect on and celebrate the achievements of our community together each year is a special part of being a metrologist in New Zealand. Thank you to everyone who was able to attend and contribute to make this year's celebration a wonderful event. You can read more about it and see some photos from the day below.

In one of the presentations, MSL's own Distinguished Scientist, Keith Jones MNZM, reconnected us to MSL's past, dating back to the 1840s. He took us on a journey from the origins of measurement standards in New Zealand through to the present day challenges amid large scale science reforms. Measurement standards have obviously changed considerably during this time but at its core has always been talented people dedicated to advancing metrology.

This month, we celebrated a combined 50 years of experience across just three of our staff. This depth of experience and passion for metrology is reflected on the world stage, where MSL staff have been selected for leadership roles on international working groups, consultative committees, the BIPM and various technical committees in recent years. Given the history and experience across MSL, combined with the new talent now working for us, I am excited to see what we can achieve next.

Ngā mihi maioha

Peter



We've celebrated World Metrology Day 2026!

On 22 May, we were joined by many colleagues and friends of metrology. The event strengthened connections, featured a diverse range of speakers across policy, research, and practice, and included tours of our on-site laboratories. It truly was a great day, and we hope you can join us next year.

You're welcome to browse our recent LinkedIn posts to view image carousels of our presenters and guests:

- [Coffee breaks](#)
- [MSA award](#)
- [Morning talks](#)
- [Afternoon talks](#)
- [Lab tours](#)

One of the highlights was the Metrology Society of Australasia's ([MSA](#)) New Zealand Metrologist of the Year award, which was presented to the very deserving Jasher Simmons from [Dalton Electrical Ltd](#). You can read more about this award on the MSA website [here](#).



Measurement training – Don't miss out!

Measurement training courses are designed to improve your measurement and calibration practice or equip you to branch into a new testing area. In addition to the expert advice on how to make reliable measurements, these practical hands-on workshops provide attendees with the knowledge and tools to properly calculate measurement uncertainty and report results. We will demonstrate new techniques and procedures to ensure constant improvement.

We're currently confirming which workshops will proceed. Some courses may be cancelled if sufficient registrations are not received, so if you've been considering attending, we encourage you to register as soon as possible. If you have any questions, contact Lisa.Castle@measurement.govt.nz.

The following workshops are scheduled to take place at the Gracefield Innovation Quarter in Lower Hutt (3–7 August) and at JetPark in Auckland (18–21 August):

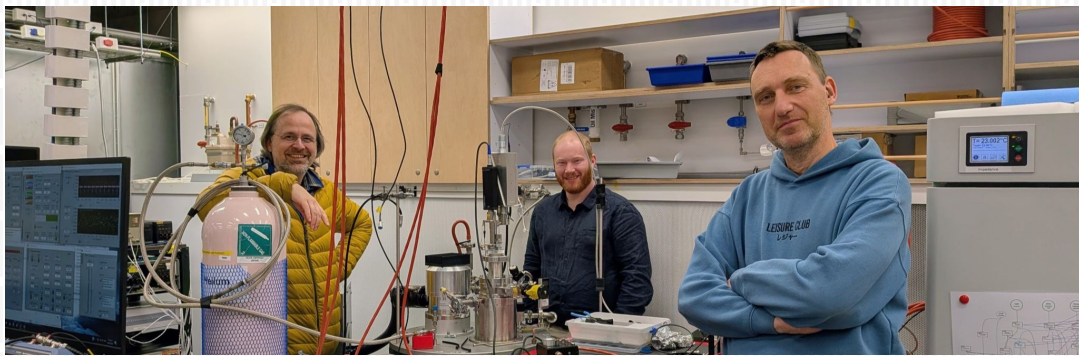
- Balances and Weighing
- Humidity and Moisture Calibration
- Measurement, Uncertainty and Calibration
- Temperature Measurement and Calibration
- Infrared Radiation Thermometry
- Pressure Calibration

Register for Lower Hutt

Register for Auckland



Find out more



Sharing expertise with Australia

In May, two of MSL's electrical experts, [Guy Dubuis](#) and [Tim Lawson](#), were delighted to host scientist Owen Brace, who leads National Measurement Institute, Australia's [\(NMIA\)](#) work on DC electrical resistance.

They provided training to Owen on MSL's cryogenic current comparator ahead of the same instrument arriving at NMIA in the coming months. The training was a very positive experience for everyone, and was genuinely valuable for Owen to work with experts who know this technique well.

A cryogenic current comparator is a state-of-the-art, ultra-sensitive device that measures and compares electric currents with very high precision. It allows electrical resistance measurements to be made traceable to quantum standards. This new instrument will deliver a major capability boost in Australia by significantly reducing uncertainty in resistance measurements.



Planning is well underway as MSL prepares to host the 42nd Asia Pacific Metrology Programme General Assembly and Related Activities (APMP 2026), happening 15–21 November in Wellington. Check out the website [here](#) to learn more.

Hosted annually within the Asia-Pacific region, APMP is the premier forum advancing metrological science, capability, and collaboration among national metrology institutes (NMIs), with particular emphasis on strengthening developing economies. As the region's only dedicated platform of its kind, the Programme convenes a rapidly expanding international community of researchers, technical experts, and policy leaders working across measurement science and its practical applications.

APMP 2026 is expected to welcome more than 400 delegates from over 38 countries. The programme will showcase leading-edge developments in measurement science and technology, emerging applications, strategic future directions, and foundational research shaping the discipline.

Interested in sponsoring? Opportunities are still available.

Sponsorship of APMP 2026 provides a unique opportunity to align your organisation with scientific excellence and international collaboration, while gaining targeted exposure to a highly specialised and influential global audience.

Packages range from \$2,000 to \$10,000 (excluding GST). For more information or to request a copy of the prospectus, please contact Charlotte Emery, Project Manager, at charlotte@conference.nz.



50 years of metrology expertise right here!

MSL proudly celebrated some fantastic staff milestones this month, recognising a combined 50 years of expertise and dedication. Congratulations to **Neil Swift** and **Chris Young** on reaching 20 years of service, and to **Yang Yenn Tan** on an impressive 10 years.

Thank you all for your outstanding contributions and commitment to excellence in your chosen metrology fields – your knowledge, passion, and impact are truly valued across MSL.

Editorial – Metrological Traceability

During the 2024 **IMEKO** World Congress, **CIPM** and IMEKO held a joint workshop on metrological traceability.

As a follow-up, a special issue of the MDPI journal 'Metrology' published a collection of papers written by workshop presenters. MSL Distinguished Scientist **Blair Hall** recently posted about this on **LinkedIn**. The post includes links to the special issue and recordings of the workshop presentations – worth a look if you missed the event.



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[MSL's Strategic Plan](#)

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